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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/781,000	02/18/2004	Moris Dovek	HT03-005	2422
<div>7590 04/30/2007 STEPHEN B. ACKERMAN 28 DAVIS AVENUE POUGHKEEPSIE, NY 12603</div>			<div>EXAMINER KLIMOWICZ, WILLIAM JOSEPH</div>	
			<div>ART UNIT 2627</div>	<div>PAPER NUMBER</div>
			<div>MAIL DATE 04/30/2007</div>	<div>DELIVERY MODE PAPER</div>

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

**Office Action Summary**

Application No.

10/781,000

Applicant(s)

DOVEK ET AL.

Examiner

William J. Klimowicz

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 10 April 2007.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1,3-6,19 and 21-24 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1,3-6,19 and 21-24 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)                     | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)          | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____  | 6) <input type="checkbox"/> Other: _____                          |

## **DETAILED ACTION**

### ***Continued Examination Under 37 CFR 1.114***

A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on April 10, 2007 has been entered.

### ***Claim Status***

Claims 1, 3-6, 19 and 21-24 are currently pending.

Claims 2, 7-18, 20 and 25-36 have been voluntarily cancelled by the Applicant.

### ***Claim Objections***

Claims 1 and 19 are objected to because of the following informalities:

With regard to claim 1 (line 5), the hyphenated term "pre-amplifier" should be spelled as the word --preamplifier-- in order to maintain claim language consistency.

With regard to claim 19 (line 6), the hyphenated term "pre-amplifier" should be spelled as the word --preamplifier-- in order to maintain claim language consistency.

Appropriate correction is required.

***Claim Rejections - 35 USC § 112***

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 1, 3-6, 19 and 21-24 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

With regard to claim 1 (line 6-7), the phrase “said trace suspension assembly” lacks positive antecedent basis, based on the preceding claim language.

More specifically, although Claim 1 at line 2, recites “[a] crosstalk and EME (electromagnetic emission) minimizing trace suspension assembly ***structure***” there is no *positive* recitation of a trace suspension assembly, per se; the limitations of the previously recited “trace suspension assembly ***structure***” imply that the “structure” encompasses more elements than the “trace suspension assembly” in and of itself. Thus, the metes and bounds of the claim cannot be readily ascertained, and as such, are indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

With regard to claim 1 (line 6 and line 8), the phrase “slider contact pads” is vague and ambiguous based on preceding claim language. More specifically, it cannot be readily ascertained if the “slider contact pads” recited in claim 1 at line 6 and line 8, are the same “slider contact pads” previously set forth in line 4 of claim 1, or are perhaps another set of slider contacts pads. Thus, the claim fails to satisfy the requirements of 35 USC 112 2<sup>nd</sup> paragraph due to the claim language indefiniteness.

With regard to claim 1 (line 10), the phrase “multiple write line” is vague and ambiguous based on preceding claim language. More specifically, it cannot be readily ascertained if the “multiple write line” is a single write line made up of “multiple” elements, or perhaps if Applicant intended to phrase the language as “multiple write lines” in the plural. Additionally, it is indefinite as to whether the “multiple write line” is intended to be a single write line of the previously recited “multiple write lines” in line 3 of claim 1, or perhaps a single write line of the previously recited “multiple write lines.” Thus, the claim fails to satisfy the requirements of 35 USC 112 2<sup>nd</sup> paragraph due to the claim language indefiniteness.

Similarly, with regard to claim 19 (line 7-8), the phrase “said trace suspension assembly” lacks positive antecedent basis, based on the preceding claim language.

More specifically, although Claim 19 at line 2, recites “[a] method of minimizing crosstalk and EME (electromagnetic emission) in a trace suspension assembly **structure**” there is no *positive* recitation of a trace suspension assembly, per se; the limitations of the previously recited “trace suspension assembly **structure**” imply that the “structure” encompasses more elements than the “trace suspension assembly” in and of itself. Thus, the metes and bounds of the claim cannot be readily ascertained, and as such, are indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

With regard to claim 19 (line 7 and line 9), the phrase “slider contact pads” is vague and ambiguous based on preceding claim language. More specifically, it cannot be readily ascertained if the “slider contact pads” recited in claim 19 at line 7 and line 9, are the same “slider contact pads” previously set forth in line 5 of claim 19, or are perhaps another set of

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slider contacts pads. Thus, the claim fails to satisfy the requirements of 35 USC 112 2<sup>nd</sup> paragraph due to the claim language indefiniteness.

With regard to claim 19 (line 11), the phrase “multiple write line” is vague and ambiguous based on preceding claim language. More specifically, it cannot be readily ascertained if the “multiple write line” is a single write line made up of “multiple” elements, or perhaps if Applicant intended to phrase the language as “multiple write lines” in the plural. Additionally, it is indefinite as to whether the “multiple write line” is intended to be a single write line of the previously recited “multiple write lines” in line 4 of claim 19, or perhaps a single write line of the previously recited “multiple write lines.” Thus, the claim fails to satisfy the requirements of 35 USC 112 2<sup>nd</sup> paragraph due to the claim language indefiniteness.

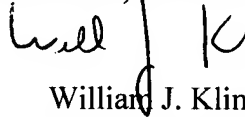
### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to William J. Klimowicz whose telephone number is (571) 272-7577. The examiner can normally be reached on Monday-Thursday (6:30AM-5:00PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner’s supervisor, Hoa Thi Nguyen can be reached on (571) 272-7579. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

  
William J. Klimowicz  
Primary Examiner  
Art Unit 2627

WJK